GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Energy Department – Proposal for setting up of 1600 MW of Pumped Storage Hydro Power (PSP) Projects by M/s Aurobindo Reality and Infrastructure Pvt. Ltd. -Allotment of 1600 MW PSP Project at Owk in Nandyal District (800 MW) and Singanamala in Ananthapuramu District (800 MW) – Orders – Issued.

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Detailed Project Reports are under preparation for most viable locations in phased manner. Considering the huge capital investments required to establish PSP Projects, the Government is intending to encourage private investments in already identical PSP projects.

2. Further, the Government of India has committed at the 26th session of the Conference of the Parties (COP26) to the United Nations Framework Convention on Climate Change (UNFCCC) held in Glasgow, United Kingdom to reach 500 GW Non-fossil energy capacity by 2030 and achieve the target of net zero emissions by 2070. In view of the commitments of Government of India, the share of Renewable Energy is expected to be increased substantially in the country in the coming years and is going to be more challenging than ever before to maintain stable grid due to variations in Renewable Energy Power generation. The Govt. of India has identified pumped storage hydro projects as one of the most prominent energy storage options that can be considered for balancing of variable renewable Energy and is extensively promoting development of PSPs which is the most commonly used and commercially viable large scale electricity storage technology and currently accounts for 95% of the total storage capacity globally.

3. In the reference 1st read above, M/s. Aurobindo Reality and Infrastructure Pvt.Ltd., (M/s ARIPL), Hyderabad, have submitted proposal to the Government for allocation of 1600 MW Pumped Storage Hydro Power (PSP) projects at the following locations:-

i. Owk, Nandyal District : 800 MW
ii. Singanamala, Ananthapuramu District : 800 MW

4. M/s. Aurobindo Reality and Infrastructure Pvt. Ltd., have requested to extend certain incentives and issue project allotment order for development of 1600 MW PSPs and extend necessary support required from relevant department of GoAP for grant of various approvals, clearance related to the above projects. Implementation of 1600 MW PSP Projects will bring investments to an extent of Rs. 6,315 Crores and the projects help to improve the local economy besides creating direct and indirect employment to 1600 persons.

(Contd.P.3)

5. The proposal of M/s. Aurobindo Reality and Infrastructure Pvt. Ltd. has been placed before State Investment Promotion Board (SIPB) meeting held on 05.09.2022. The SIPB have taken the following decisions: -

i. Allotment of 1,600 MW Pumped Storage Hydro Power (PSP) Projects at the below locations:

   i. Owk, Nandyal Dist –800 MW
   ii. Singnamala, Ananthapuramu Dist. – 800 MW

ii. Extend Mega Industrial Project Status to the project to facilitate single window clearances. NREDCAP will be the Nodal Agency. However, no incentives will be provided.

iii. Allotment and alienation of land required and available if any in the project area for the project on outright sale basis @ Rs. 5 lakhs per acre or on lease basis with lease rentals of Rs.31,000/acre with an annual escalation of 5% for every two years, based on the option of the Project developer at Owk Mandal, Nandyal District and Singanamala Mandal, Anantapuramu District.

iv. Allocation of water for initial filling and annual re-couping towards evaporation losses as per the Industrial Water Supply Policy / Guidelines and subject to guidelines issued by the Water Resources Department, as detailed below:

   Owk: 0.532 TMC of water for initial filling and 0.007 TMC of water for annual re-couping towards evaporation losses from the existing Owk reservoir.

   Singanamala: 0.80 TMC of water for initial filling and 0.035 TMC of water for annual re-couping towards evaporation losses from existing Chagallu reservoir

v. Green Energy Development Charges shall be levied @Rs.1 lakh/ MW/Year for 1st 25 years and Rs. 2 lakhs/MW/year for remaining life of the project.

vi. Payment of Rs. 50,000 per MW to the Nodal Agency (NREDCAP) for PSP capacities towards registration charges within two months from the date of allocation of the projects by the Government.

(P.T.O.)

vii. Reimbursement of actual expenditure incurred by the NREDCAP by the developer, towards preparation of Feasibility Reports, Detailed Project Report, carrying out various field investigations and expenditure towards obtaining various clearances of the said PSP projects as and when demand notice is raised by NREDCAP.

viii. Govt. of A.P. will support and facilitate the project for availing grants of special category projects under Central Govt. schemes.

ix. Govt. of A.P. will facilitate the project for availing benefits provided as per National Energy Storage Policy without any financial commitment from Govt. of A.P.

x. The project shall be completed within 6 years from the date of handing over of revenue lands available if any at the proposed project location.

6. Government after detailed examination of the proposal of M/s. Aurobindo Reality and Infrastructure Pvt. Ltd., in consultation with various stakeholders i.e, Revenue Dept., EFS&T Dept,/ Water Resources Department and APTRANSCO in the light of the decisions taken in the State Investment Promotion Board, have decided to extend the incentives that are considered for Pumped Storage Hydro Power Projects allotted to M/s. Adani Green Energy Ltd and Greenko Energies Private Limited. Accordingly, Government hereby issue the following orders: -

i. Allotment of 1600 MW of Pumped Storage Hydro Power Project to M/s Aurobindo Reality and Infrastructure Pvt. Ltd. at Owk, Nandyal District (800 MW) and Singanamala, Ananthapuramu District (800 MW).

ii. Mega Industrial Project Status has been accorded to the project to facilitate single window clearances. NREDCAP will be the Nodal Agency. However, no incentives will be provided.

iii. Allotment on lease basis /alienation of land required and available if any in the project area for the project either on outright sale basis @ Rs. 5 lakhs per acre or on lease basis with lease rentals of Rs.31,000/acre with an escalation of 5% for every two years, based on the option of the Project developer in Owk Mandal, Nandyal District and Singanamala Mandal, Anantapuramu District.

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iv. Allocation of water for initial filling and annual re-couping towards evaporation losses as per the Industrial Water Supply Policy / Guidelines and subject to guidelines issued by the Water Resources Department from time to time as detailed below:

a. Owk: 0.532 TMC of water for initial filling and 0.007 TMC of water for annual re-couping towards evaporation losses from the existing Owk reservoir.

b. Singanamala: 0.80 TMC of water for initial filling and 0.035 TMC of water for annual re-couping towards evaporation losses from existing Chagallu reservoir.

v. Green Energy Development Charges shall be levied @ Rs.1 lakh/MW/Year for 1st 25 years and Rs. 2 lakhs/MW/year for remaining life of the project.

vi. Registration charges @ Rs.50,000/MW shall be paid to NREDCAP within Two (2) months from date of this order.

vii. Actual expenditure incurred by the NREDCAP in preparations of the DPRs and carrying out various field investigations of the said PSP projects and expenditure towards obtaining various clearances shall be reimbursed /paid by M/s. Aurobindo Reality and Infrastructure Pvt. Ltd. as and when demand raised by the NREDCAP.

viii. Govt. of A.P. will support and facilitate the project for availing grants of special category projects under Central Govt. schemes.

xi. Govt. of A.P. will facilitate the project for availing benefits provided as per National Energy Storage Policy without any financial commitment from Govt. of AP.

x. APTRANSCO shall facilitate for evacuation of power from the proposed PSP Projects to the nearest CTU sub-stations. Necessary evacuation facility till the nearest CTU shall be developed by M/s Aurobindo Reality and Infrastructure Pvt. Ltd.

(P.T.O.)

xi. The Forest Department shall extend necessary support and facilitate to carry out surveys and investigations in forest areas and diversion of forest lands.

xii. The Power generated from these pumped storage projects would be connected to Power Grid substation and delivered outside the State with no obligation for DISCOMS to purchase power. However, DISCOMs shall have first right of refusal.

xiii. The allocated projects shall be executed and commissioned within a period of Six (6) years from the date of total land handing over to the Project, failing which the entire land shall be resumed back to the Government.

7. The Revenue Department/EFS & T/Industries & Commerce/Water Resources Department/ Chairman & Managing Director, APTRANSCO, Vijayawada shall take necessary action accordingly with respect to their issues mentioned at para 6 above.

8. The Vice Chairman & Managing Director, New and Renewable Energy Development Corporation of Andhra Pradesh, Tadepalli shall take further necessary action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

K. VIJAYANAND
SPECIAL CHIEF SECRETARY TO GOVERNMENT

To
M/s Aurobindo Reality and Infrastructure Pvt. Ltd, 1-121/1, Sy Nos 66(Part) and 67 (Part), Miyapur, Hyderabad – 500049.
The VC& Managing Director, NREDCAP, Tadepalli.
The Chairman & Managing Director, APTRANSCO, Vidyuth Soudha, Vijayawada.
The Chief Commissioner of Land Administration & Special Chief Secretary to Government, APIIC Towers, Mangalagiri.
The Special Chief Secretary to Government, Revenue Department
The Special Chief Secretary to Government, Finance Department
The Special Chief Secretary, Industries & Commerce Department
The Special Chief Secretary to Government, EFS&T Department.

(Contd..P.7)

The Principal Secretary to Government, Water Resources Department.
The Principal Chief Conservator of Forests, GoAP, Guntur
The Collector & District Magistrate, Nandyal District.
The Collector & District Magistrate, Ananthapuramu District.

Copy to:
The Commissioner of Industries Department, Vijayawada.
The Managing Director, APGENCO, Gunadala, Vijayawada.
The Chairman & Managing Director, APSPDCL, Tirupathi.
The Chairman & Managing Director, APCPDCL, Vijayawada.
The Chairman & Managing Director, APEPDCL, Visakhapatnam.
The P.S to Special Chief Secretary to Chief Minister.
The P.S. to Secretary to Chief Minister.
The P.S., to Minister for Energy, FES & T and Mines & Geology.
The P.S., to the Special Chief Secretary to Government, Energy Department.
SF/SCs.

//FORWARDED::BY ORDER//

K. Vani.
SECTION OFFICER